

Filtr: minimální četnost skupin n = 5

Cyklus EHK: PRO2/18 - Proteiny v krevním séru

Stop termín: 31.08.2018

| | | |
|-------------------------------------------------|--------------------------------------------------------|---------------------------------------|
| RoM = robustní průměr | AV = vztažná hodnota | Dmax = přijatelný rozdíl v procentech |
| SD = směrodatná odchylka | CRV = certifikovaná referenční hodnota | LL = dolní mez |
| CV = variační koeficient | RV = referenční hodnota | UL = horní mez |
| Ntot = celkový počet účastníků | CVE = konsenzus expertů | Neva = počet hodnocených účastníků |
| Nout = počet výsledků vyloučených před výpočtem | CVP = konsenzus všech účastníků | Nsuc = počet úspěšných účastníků |
| | CVPG = konsenzus skupin účastníků | Srel = relativní úspěšnost |
| | U_{AV} = rozšířená nejistota vztažné hodnoty (k = 2) | |

| Zkouška | [jednotka] | Srovnatelnost | | | | | | | | | | | | |
|--------------------------------|------------|---------------|-------|--------|------------------|------------------|-------|-----------------|------------------|-------|-------|------------------|------------------|------------------|
| | | RoM | SD | CV [%] | N _{tot} | N _{out} | AV | U _{AV} | D _{max} | LL | UL | N _{eva} | N _{suc} | S _{rel} |
| (41) IgA | [g/L] | | | | 215 | | | | | | | 215 | 211 | 98% |
| Vzorky a skupiny | | | | | | | | | | | | | | |
| Vzorek A | | 1,34 | 0,073 | 5,5 | 215 | CVP | 1,34 | 0,012 | 16% | 1,12 | 1,56 | 215 | 212 | 99% |
| (2) Imunoturbidimetrie | | 1,35 | 0,065 | 4,8 | 178 | 0 | | | | | | 178 | | |
| (3) Imunonefelometrie | | 1,30 | 0,11 | 8,8 | 37 | 0 | | | | | | 37 | | |
| Vzorek B | | 1,41 | 0,074 | 5,3 | 215 | CVP | 1,41 | 0,012 | 16% | 1,18 | 1,64 | 215 | 212 | 99% |
| (2) Imunoturbidimetrie | | 1,41 | 0,063 | 4,5 | 178 | 0 | | | | | | 178 | | |
| (3) Imunonefelometrie | | 1,36 | 0,14 | 9,9 | 37 | 0 | | | | | | 37 | | |
| (42) IgG | [g/L] | | | | 216 | | | | | | | 216 | 214 | 99% |
| Vzorky a skupiny | | | | | | | | | | | | | | |
| Vzorek A | | 5,70 | 0,25 | 4,3 | 216 | CVP | 5,7 | 0,041 | 15% | 4,84 | 6,56 | 216 | 214 | 99% |
| (2) Imunoturbidimetrie | | 5,67 | 0,25 | 4,4 | 179 | 0 | | | | | | 179 | | |
| (3) Imunonefelometrie | | 5,81 | 0,24 | 4,1 | 37 | 0 | | | | | | 37 | | |
| Vzorek B | | 4,47 | 0,21 | 4,6 | 216 | CVP | 4,47 | 0,035 | 15% | 3,79 | 5,15 | 216 | 215 | 100% |
| (2) Imunoturbidimetrie | | 4,45 | 0,20 | 4,4 | 179 | 0 | | | | | | 179 | | |
| (3) Imunonefelometrie | | 4,56 | 0,23 | 5,0 | 37 | 0 | | | | | | 37 | | |
| (43) IgM | [g/L] | | | | 214 | | | | | | | 214 | 204 | 95% |
| Vzorky a skupiny | | | | | | | | | | | | | | |
| Vzorek A | | 0,421 | 0,024 | 5,7 | 214 | CVP | 0,421 | ,0040 | 18% | 0,345 | 0,497 | 214 | 206 | 96% |
| (2) Imunoturbidimetrie | | 0,419 | 0,024 | 5,7 | 177 | 0 | | | | | | 177 | | |
| (3) Imunonefelometrie | | 0,429 | 0,022 | 5,2 | 37 | 0 | | | | | | 37 | | |
| Vzorek B | | 0,444 | 0,026 | 5,8 | 214 | CVP | 0,444 | ,0043 | 18% | 0,364 | 0,524 | 214 | 209 | 98% |
| (2) Imunoturbidimetrie | | 0,444 | 0,026 | 5,8 | 177 | 0 | | | | | | 177 | | |
| (3) Imunonefelometrie | | 0,443 | 0,026 | 5,9 | 37 | 0 | | | | | | 37 | | |
| (44) Transferin | [g/L] | | | | 196 | | | | | | | 196 | 194 | 99% |
| Vzorky a skupiny | | | | | | | | | | | | | | |
| Vzorek A | | 1,77 | 0,07 | 3,9 | 196 | CVP | 1,77 | 0,012 | 14% | 1,52 | 2,02 | 196 | 194 | 99% |
| (2) Imunoturbidimetrie | | 1,77 | 0,068 | 3,8 | 176 | 0 | | | | | | 176 | | |
| (3) Imunonefelometrie | | 1,74 | 0,096 | 5,5 | 20 | 0 | | | | | | 20 | | |
| Vzorek B | | 1,60 | 0,065 | 4,0 | 196 | CVP | 1,6 | 0,011 | 14% | 1,37 | 1,83 | 196 | 196 | 100% |
| (2) Imunoturbidimetrie | | 1,61 | 0,063 | 3,9 | 176 | 0 | | | | | | 176 | | |
| (3) Imunonefelometrie | | 1,59 | 0,083 | 5,2 | 20 | 0 | | | | | | 20 | | |
| (46) alfa-1-antitrypsin | [g/L] | | | | 83 | | | | | | | 83 | 81 | 98% |
| Vzorky a skupiny | | | | | | | | | | | | | | |
| Vzorek A | | 0,981 | 0,10 | 10 | 83 | CVP | 0,981 | 0,028 | 25% | 0,735 | 1,23 | 83 | 82 | 99% |
| (2) Imunoturbidimetrie | | 0,991 | 0,096 | 9,7 | 55 | 0 | | | | | | 55 | | |
| (3) Imunonefelometrie | | 0,960 | 0,11 | 11 | 27 | 0 | | | | | | 27 | | |
| Ostatní | | | | | 1 | 0 | | | | | | 1 | | |
| Vzorek B | | 1,55 | 0,15 | 9,4 | 83 | CVP | 1,55 | 0,039 | 25% | 1,16 | 1,94 | 83 | 81 | 98% |
| (2) Imunoturbidimetrie | | 1,52 | 0,12 | 8,0 | 55 | 0 | | | | | | 55 | | |
| (3) Imunonefelometrie | | 1,59 | 0,18 | 11 | 27 | 0 | | | | | | 27 | | |
| Ostatní | | | | | 1 | 0 | | | | | | 1 | | |
| (47) C3 komplement | [g/L] | | | | 131 | | | | | | | 131 | 129 | 98% |
| Vzorky a skupiny | | | | | | | | | | | | | | |
| Vzorek A | | 1,07 | 0,061 | 5,6 | 131 | CVP | 1,07 | 0,013 | 17% | 0,888 | 1,26 | 131 | 130 | 99% |
| (2) Imunoturbidimetrie | | 1,08 | 0,066 | 6,2 | 94 | 0 | | | | | | 94 | | |
| (3) Imunonefelometrie | | 1,07 | 0,051 | 4,8 | 37 | 0 | | | | | | 37 | | |
| Vzorek B | | 1,75 | 0,094 | 5,4 | 131 | CVP | 1,75 | 0,020 | 17% | 1,45 | 2,05 | 131 | 129 | 98% |
| (2) Imunoturbidimetrie | | 1,76 | 0,099 | 5,6 | 94 | 0 | | | | | | 94 | | |
| (3) Imunonefelometrie | | 1,72 | 0,088 | 5,1 | 37 | 0 | | | | | | 37 | | |
| (48) Prealbumin | [g/L] | | | | 114 | | | | | | | 114 | 110 | 96% |
| Vzorky a skupiny | | | | | | | | | | | | | | |
| Vzorek A | | 0,319 | 0,016 | 5,0 | 114 | CVP | 0,319 | ,0037 | 23% | 0,245 | 0,393 | 114 | 114 | 100% |
| (2) Imunoturbidimetrie | | 0,319 | 0,017 | 5,2 | 97 | 0 | | | | | | 97 | | |
| (3) Imunonefelometrie | | 0,318 | 0,014 | 4,2 | 16 | 0 | | | | | | 16 | | |
| Ostatní | | | | | 1 | 0 | | | | | | 1 | | |
| Vzorek B | | 0,563 | 0,039 | 6,8 | 114 | CVP | 0,563 | ,0088 | 23% | 0,433 | 0,693 | 114 | 110 | 96% |
| (2) Imunoturbidimetrie | | 0,561 | 0,039 | 7,0 | 97 | 0 | | | | | | 97 | | |
| (3) Imunonefelometrie | | 0,570 | 0,028 | 4,9 | 16 | 0 | | | | | | 16 | | |
| Ostatní | | | | | 1 | 0 | | | | | | 1 | | |

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| Zkouška | [jednotka] | | | | | | Srovnatelnost | | | | | | | |
|--------------------------------------------------------|------------|-------|-------|--------|------------------|------------------|---------------|-----------------------------------|------------------|-------|-------|------------------|------------------|------------------|
| | | RoM | SD | CV [%] | N _{tot} | N _{out} | AV | U _{AV} | D _{max} | LL | UL | N _{eva} | N _{suc} | S _{rel} |
| (49) Ceruloplazmin | [g/L] | | | | 68 | | | | | | | 62 | 59 | 95% |
| Vzorky a skupiny | | | | | | | | | | | | | | |
| Vzorek A | | 0,329 | 0,058 | 18 | 68 | | | | | | | 62 | 61 | 98% |
| (2) Imunoturbidimetrie; (58) Beckman Coulter (Olympus) | | 0,326 | 0,021 | 6,4 | 8 | 0 | CVPG | 0,326 | 0,016 | 19% | 0,264 | 0,388 | 8 | |
| (2) Imunoturbidimetrie; (60) Roche | | 0,290 | 0,023 | 7,9 | 16 | 0 | CVPG | 0,29 | 0,014 | 19% | 0,234 | 0,346 | 16 | |
| (2) Imunoturbidimetrie; (91) Binding Site | | 0,257 | 0,034 | 13 | 8 | 0 | CVPG | 0,257 | 0,026 | 19% | 0,208 | 0,306 | 8 | |
| (2) Imunoturbidimetrie; (116) Sentinel Diagnostics | | 0,350 | 0,03 | 8,5 | 5 | 0 | CVPG | 0,34 | 0,062 | 19% | 0,275 | 0,405 | 5 | |
| (3) Imunonefelometrie; (12) Beckman Coulter | | 0,315 | 0,014 | 4,4 | 11 | 0 | CVPG | 0,315 | 0,010 | 19% | 0,255 | 0,375 | 11 | |
| (3) Imunonefelometrie; (149) Siemens (Dade) | | 0,402 | 0,028 | 6,9 | 13 | 0 | CVPG | 0,402 | 0,019 | 19% | 0,325 | 0,479 | 13 | |
| Ostatní | | | | | 7 | 0 | | | | | | | 1 | |
| | | | | | | | | 2x 2/1, 2x 2/5, 2x 2/49, 1x 3/116 | | | | | | |
| Vzorek B | | 0,649 | 0,091 | 14 | 68 | | | | | | | 62 | 59 | 95% |
| (2) Imunoturbidimetrie; (58) Beckman Coulter (Olympus) | | 0,615 | 0,022 | 3,6 | 8 | 0 | CVPG | 0,615 | 0,017 | 19% | 0,498 | 0,732 | 8 | |
| (2) Imunoturbidimetrie; (60) Roche | | 0,586 | 0,055 | 9,3 | 16 | 0 | CVPG | 0,586 | 0,034 | 19% | 0,474 | 0,698 | 16 | |
| (2) Imunoturbidimetrie; (91) Binding Site | | 0,599 | 0,082 | 14 | 8 | 0 | CVPG | 0,599 | 0,063 | 19% | 0,485 | 0,713 | 8 | |
| (2) Imunoturbidimetrie; (116) Sentinel Diagnostics | | 0,620 | 0,045 | 7,2 | 5 | 0 | CVPG | 0,62 | 0,062 | 19% | 0,502 | 0,738 | 5 | |
| (3) Imunonefelometrie; (12) Beckman Coulter | | 0,653 | 0,046 | 7,0 | 11 | 0 | CVPG | 0,653 | 0,034 | 19% | 0,528 | 0,778 | 11 | |
| (3) Imunonefelometrie; (149) Siemens (Dade) | | 0,776 | 0,065 | 8,3 | 13 | 0 | CVPG | 0,776 | 0,044 | 19% | 0,628 | 0,924 | 13 | |
| Ostatní | | | | | 7 | 0 | | | | | | | 1 | |
| | | | | | | | | 2x 2/1, 2x 2/5, 2x 2/49, 1x 3/116 | | | | | | |
| (50) Orosomukoid | [g/L] | | | | 66 | | | | | | | 66 | 60 | 91% |
| Vzorky a skupiny | | | | | | | | | | | | | | |
| Vzorek A | | 0,688 | 0,061 | 8,9 | 66 | CVP | 0,688 | 0,018 | 20% | 0,55 | 0,826 | 66 | 62 | 94% |
| (2) Imunoturbidimetrie | | 0,676 | 0,059 | 8,8 | 45 | 0 | | | | | | 45 | | |
| (3) Imunonefelometrie | | 0,714 | 0,048 | 6,7 | 21 | 0 | | | | | | 21 | | |
| Vzorek B | | 1,03 | 0,12 | 12 | 66 | CVP | 1,03 | 0,036 | 20% | 0,824 | 1,24 | 66 | 61 | 92% |
| (2) Imunoturbidimetrie | | 1,01 | 0,08 | 7,9 | 45 | 0 | | | | | | 45 | | |
| (3) Imunonefelometrie | | 1,06 | 0,16 | 15 | 21 | 0 | | | | | | 21 | | |
| (51) Haptoglobin | [g/L] | | | | 67 | | | | | | | 67 | 62 | 93% |
| Vzorky a skupiny | | | | | | | | | | | | | | |
| Vzorek A | | 0,930 | 0,04 | 4,3 | 67 | CVP | 0,93 | 0,012 | 13% | 0,809 | 1,06 | 67 | 64 | 96% |
| (2) Imunoturbidimetrie | | 0,925 | 0,032 | 3,5 | 50 | 0 | | | | | | 50 | | |
| (3) Imunonefelometrie | | 0,948 | 0,069 | 7,3 | 17 | 0 | | | | | | 17 | | |
| Vzorek B | | 1,33 | 0,068 | 5,1 | 67 | CVP | 1,33 | 0,020 | 13% | 1,15 | 1,51 | 67 | 63 | 94% |
| (2) Imunoturbidimetrie | | 1,31 | 0,05 | 3,8 | 50 | 0 | | | | | | 50 | | |
| (3) Imunonefelometrie | | 1,41 | 0,095 | 6,8 | 17 | 0 | | | | | | 17 | | |
| (52) C4 komplement | [g/L] | | | | 131 | | | | | | | 131 | 129 | 98% |
| Vzorky a skupiny | | | | | | | | | | | | | | |
| Vzorek A | | 0,215 | 0,021 | 9,6 | 131 | CVP | 0,215 | ,0044 | 21% | 0,169 | 0,261 | 131 | 129 | 98% |
| (2) Imunoturbidimetrie | | 0,211 | 0,022 | 10 | 94 | 0 | | | | | | 94 | | |
| (3) Imunonefelometrie | | 0,223 | 0,013 | 5,6 | 37 | 0 | | | | | | 37 | | |
| Vzorek B | | 0,511 | 0,041 | 8,0 | 131 | CVP | 0,511 | ,0088 | 21% | 0,403 | 0,619 | 131 | 129 | 98% |
| (2) Imunoturbidimetrie | | 0,513 | 0,045 | 8,8 | 94 | 0 | | | | | | 94 | | |
| (3) Imunonefelometrie | | 0,508 | 0,03 | 5,8 | 37 | 0 | | | | | | 37 | | |
| (53) alfa-2-makroglobulin | [g/L] | | | | 25 | | | | | | | 25 | 24 | 96% |
| Vzorky a skupiny | | | | | | | | | | | | | | |
| Vzorek A | | 1,22 | 0,085 | 7,0 | 25 | CVP | 1,22 | 0,042 | 21% | 0,963 | 1,48 | 25 | 24 | 96% |
| (2) Imunoturbidimetrie | | 1,23 | 0,089 | 7,2 | 8 | 0 | | | | | | 8 | | |
| (3) Imunonefelometrie | | 1,20 | 0,091 | 7,6 | 17 | 0 | | | | | | 17 | | |
| Vzorek B | | 0,970 | 0,088 | 9,0 | 25 | CVP | 0,97 | 0,043 | 21% | 0,766 | 1,18 | 25 | 25 | 100% |
| (2) Imunoturbidimetrie | | 1,00 | 0,089 | 8,9 | 8 | 0 | | | | | | 8 | | |
| (3) Imunonefelometrie | | 0,954 | 0,094 | 9,8 | 17 | 0 | | | | | | 17 | | |
| (55) Celková bílkovina | [g/L] | | | | 190 | | | | | | | 190 | 186 | 98% |
| Vzorky a skupiny | | | | | | | | | | | | | | |
| Vzorek A | | 49,8 | 4,2 | 8,4 | 190 | CVP | 49,8 | 0,75 | 17% | 41,3 | 58,3 | 190 | 189 | 99% |
| (1) Biuret | | 49,8 | 4,2 | 8,4 | 189 | 0 | | | | | | 189 | | |
| Ostatní | | | | | 1 | 0 | | | | | | 1 | | |
| Vzorek B | | 68,7 | 3,4 | 5,0 | 190 | CVP | 68,7 | 0,61 | 10% | 61,8 | 75,6 | 190 | 186 | 98% |
| (1) Biuret | | 68,7 | 3,4 | 5,0 | 189 | 0 | | | | | | 189 | | |
| Ostatní | | | | | 1 | 0 | | | | | | 1 | | |
| | | | | | | | | 1x 99 | | | | | | |
| | | | | | | | | 1x 99 | | | | | | |

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| Zkouška | [jednotka] | RoM | SD | CV [%] | N _{tot} | N _{out} | Srovnatelnost | | | | | | | |
|-----------------------------------------------------|------------|-------|-------|--------|------------------|------------------|---------------|-----------------|------------------|-----|-------|------------------|------------------|------------------|
| | | | | | | | AV | U _{AV} | D _{max} | LL | UL | N _{eva} | N _{suc} | S _{rel} |
| (56) Solubilní transferinový receptor (sTfR) | [mg/L] | | | | 50 | | | | | | | 47 | 46 | 98% |
| ----- Vzorky a skupiny ----- | | | | | | | | | | | | | | |
| Vzorek A | | 1,40 | 0,57 | 41 | 50 | | | | | | | 47 | 46 | 98% |
| (2) Imunoturbidimetrie; (60) Roche | | 1,78 | 0,11 | 6,0 | 30 | 0 | CVPG | 1,78 | 0,048 | 30% | 1,24 | 2,32 | 30 | |
| (3) Imunonefelometrie; (149) Siemens (Dade) | | 0,800 | 0,059 | 7,4 | 9 | 0 | CVPG | 0,8 | 0,073 | 30% | 0,56 | 1,04 | 9 | |
| (99) Jiný princip měření; (12) Beckman Coulter | | 0,820 | 0,045 | 5,4 | 7 | 0 | CVPG | 0,835 | 0,051 | 30% | 0,584 | 1,09 | 7 | |
| Ostatní | | | | | 4 | 0 | | | | | | | 1 | |
| ----- 1x 1/58, 1x 2/12, 2x 2/166 ----- | | | | | | | | | | | | | | |
| Vzorek B | | 1,18 | 0,45 | 39 | 50 | | | | | | | 47 | 47 | 100% |
| (2) Imunoturbidimetrie; (60) Roche | | 1,49 | 0,11 | 7,3 | 30 | 0 | CVPG | 1,49 | 0,048 | 30% | 1,04 | 1,94 | 30 | |
| (3) Imunonefelometrie; (149) Siemens (Dade) | | 0,660 | 0,089 | 13 | 9 | 0 | CVPG | 0,66 | 0,11 | 30% | 0,462 | 0,858 | 9 | |
| (99) Jiný princip měření; (12) Beckman Coulter | | 0,830 | 0,10 | 13 | 7 | 0 | CVPG | 0,83 | 0,079 | 30% | 0,581 | 1,08 | 7 | |
| Ostatní | | | | | 4 | 0 | | | | | | | 1 | |
| ----- 1x 1/58, 1x 2/12, 2x 2/166 ----- | | | | | | | | | | | | | | |

st_kn_p

Konec sestavy

Vytlačeno: 13.09.2018